

A431 | 300112

Description	A431	85	A-431	EGF	MAPK/ERK	PI3K/AKT
		A431				
	A-431		A431			
	A-431			EGF		
		A-431				

Organism

Tissue

Disease

Synonyms	A-431, A431/P
-----------------	---------------

Age	85
------------	----

Gender

Morphology

Growth properties

Citation	A431 Cytion	300112
-----------------	-------------	--------

Biosafety level	1
------------------------	---

NCBI_TaxID	9606
-------------------	------

CellosaurusAccession	CVCL_0037
-----------------------------	-----------

A431 | 300112

Receptors expressed

Protein expression P53

Isoenzymes G6PD B PGM1 1 PGM3 1 ES-D 1 Me-2 0 AK-1 1 GLO-1 2

Tumorigenic

Products HBp17

Mutational profile BRAF V600Ewt

Karyotype der(6) der(7) der(17) der(21) dic(13,14) dic(14,18) 8q24 C-MYC dup(8)(q24) der(15)t(8,1

Culture Medium DMEM w 4.5 / w 4 L- w 3.7 / NaHCO3 w 1.0 Cytion 820300a

Supplements 10% FBS

Dissociation Reagent Accutase

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Seeding density $1 \times 10^4 / \text{cm}^2$ 4

Fluid renewal 2 3

Post-Thaw Recovery 4×10^5 24

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

A431 | 300112

Thawing and Culturing Cells				
1.				
2.		-150°C		3
3.		37°C	40-60	
4.			70%	
5.		8	15	
6.	300 x g	3		
7.	10		T25	T25
8.				

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

/ /HLA

Sterility PCR

A431 | 300112

HLA

A*: '03:01:01

B*: '07:02:01

C*: '07:02:01

DRB1*: '11:04:01

DQA1*: '05:05:01

DQB1*: '03:01:01

DPB1*: '15:01:01

E: '01:03:01, '01:03:02